# Certificate Of Analysis

**Analysis Date:** 20-05-2025 **Re-test Date:** 20-05-2028

## ALBENDAZOLE EP IMPURITY K

## Identification

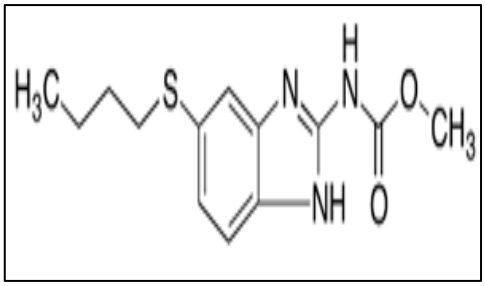
**Chemical Name** : Methyl N-[5-(butylsulfanyl)-1H-benzimidazol-2-yl]carbamate

**CAT No** : ALL-ABZ-64

**CAS No** : 70484-51-4

**Molecular Formula** : C13H17N3O2S

**Molecular Weight** : 279.36



## Analytical Information

| | | | |
|---|---|---|---|
| **Batch Code** | : ALL-ABZ-64 | **HPLC Purity** | : 98.03% |
| **Solubility** | : MeOH: ACN | **Potency** | : 97.18% |
| **Appearance of Product** | : Off White Solid | **Mass** | : Confirm |
| **Long Term Storage** | : 2-8 $^{0}$C | **IR Analysis** | : Confirm |
| **Weight Content By TGA** | : 0.455% | **1HNMR** | : Confirm |
| **Residue Of Ignition** | : 0.539% | | |

## Additional Information

**%Potency** = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 – (0.455+0.539× 98.03]/100 = 97.18%

**Recommendation** : Released

| | Department | Name | Signature |
|---|---|---|---|
| **Prepared and Reviewed by** | Analytical | Mr. Vipul Khadse<br>Jr. Executive | |
| **Approved By** | QA&QC | Dr. Ashish Keche<br>Director QA&QC | |

**Attachment** : HPLC, Mass, 1H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

**Corporate Office**

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